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CENTRAL INTELLIGENCE AGENCY

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INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	USSR (Gorkiy Oblast)	REPORT	
SUBJECT	Organization and Personnel of the Frunze Plant (NII 11) and of the Lenin Plant, Gorkiy	DATE DISTR.	9. October 1953
DATE OF INFO.		NO. OF PAGES	20
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

Comments

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2. Read Gorkiy for Gorki throughout the report.
3. Read Ministry for Communications Equipment Industry for Ministry of Communications Industry throughout the report.
4. Corrections should be made in the following Soviet names as they appear throughout the report.

Kuryachev for Kurjatschev
Aleksyev for Alexejev
Gusev for Gussjev and Gusyev
Zuyev for Zujev
Gorshkov for Gorschkov
Pokrovskiy for Pokrovski, Pokrovsky and Pokrowskiy.
Shults for Schultz
Mikhail Nikolayevich Petrov for Michail Nikalajevitsch Petrov
Mikhail Ivanovich Mazunov for Michail Ivanovitsch Masunov and
Mikhail Iwanowich Mazunov
Selimanovskiy for Selimanovski, Zelimanovski, and Zelimanovskiy
Yushtanova for Juchtanova
Malyshev for Malyshev

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5. On page 4 of Enclosure C, with reference to Skibarko winning a Stalin Prize, there is an Aleksey Petrovich Skibarko who won a Stalin Prize in 1948. [REDACTED]
6. On page 4 of Enclosure C, under Zuyev, [REDACTED] probably means that Zuyev was in charge of liaison with the Ministry for State Security or in charge of State Security work in the plant; Zuyev was not in charge of the Ministry of State Security.

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COUNTRY : USSR

DATE DISTR. 13 AUG 53

SUBJECT : Organisation of and Personnel at the
Frunze Plant (Institute 11) and at
the Lenin Plant in Gorki

NO. OF PAGES 5

PLACE
ACQUIREDNO. OF ENCLS. 3
(LISTED BELOW)DATE
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REPORT NO.

DATE OF IN

THIS IS UNEVALUATED INFORMATION

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HISTORY OF THE FRUNZE PLANT AND IIL 11Introduction

1. [redacted] assigned to the Frunze Zavod (23 men);
the rest (7 men) to the Lenin Zavod. [redacted] 50X1-HUM
[redacted] the Lenin plant. There are plants with this name in
many parts of the Soviet Union, but it is unlikely that they are or-
ganisationally connected in any way. [redacted] this parti-
cular Lenin Plant belongs to the Ministry for Communications Industry.
The Frunze Plant also belongs to this Ministry, but the two plants
belong to different departments of the Ministry.
2. The "Lenin" and "Frunze" plants are located immediately adjacent to
each other in the suburb of Myza in the city of Gorki, in the Voroshilov
Rayon. The Frunze Plant is still popularly called "Siemens", because
up to the first World War a factory of Siemens was located there. 50X1-HUM
In the second World War, both plants carried their present names, and
the products of the plants probably have not changed appreciably. [redacted] 50X1-HUM
[redacted] the high-speed
lathe operator "Pavel Bykov" worked there, but they did not refer to
him with the eulogies of praise used in the DDR.

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World War II Conditions at Frunze Plant

3. Several bombs fell in Myza during World War II, but they did not cause any appreciable damage. [] one wing of the Lenin Plant building was still in ruins. The broken window panes of the Frunze Plant, which had been scantily taped, were first replaced in 1949. [] during the war the work in the unheated plant was continued even at minus 40 degrees Centigrade. Any violation of the work discipline during this period was punished with heavy "Freiheits-Strafen" (freedom punishments). At that time a part of the Frunze Plant was transferred to Novosibirsk. [] this part of the Frunze Plant remained in Novosibirsk even after the war as an independent plant with very slight connection to the Myza Frunze Plant.

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Dismantling at Siemens

4. At the end of the war, two Soviets, SKIBARKO and KURJATSCHEV, appeared in Falkensee, west of Berlin, at the Siemens plant where Dr. SPLECHTNA [] once worked. Dr. SPLECHTNA became acquainted with these two men [] During the dismantling of the Siemens plant, the largest part of the installation was probably transported to Gorki [] discovered a great deal of it again in the Frunze Plant. One can estimate that at that time this equipment comprised approximately 50 per cent of the laboratory equipment of the replenished Frunze Plant.

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ORGANIZATION OF THE FRUNZE PLANTOrganisation in December 1946

5. The Frunze Plant is a part of the Ministry for Communications Industry. []

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[] The collaboration with the Ministry apparently was very close. [] frequently meaningless decisions on development specifications were made in Moscow. []

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6. The organisational structure of the Frunze Plant in late 1946, and early 1947 [] is listed below.

50X1-HUM
50X1-HUMPlant Management

Plant Director: DOBROV
Political Commissar: GUSSJEV
Personnel Director: ZUJEV (Ministry for State Security)
Commercial Director: KRENIN
Director of Design Department: SKIBARKO

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Design and Development Department

Director: SKIBARKO
 Union Manager: LEVEDEV
 Chief Engineer: GORSCHKOV
 Chief of Drafting and Design Bureau: RASSADIN
 Laboratory I: DOLENEV
 Laboratory II: POKROVSKI
 Laboratory III: KURJATSCHEV
 Chemical Laboratory: (A woman)
 Measuring and Calibration Laboratory: (?)
 Model Workshop: (?)
 Library: Miss SCHULZ
 Archives: (?)

House of "Foreign Specialists" in Karpovka

Director: PETROV, Michail Nikalajevitsch
 Commandant: GENERALOV
 Escort: MASUNOV, Michail Ivanovitsch

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Later Organizational Changes

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7. [] at the Frunze Plant various changes were made in the organization. Plant director DOBROV became sick in 1949 and died; his successor was GUSSJEV. The Commercial Director KRENIN resigned. [] KURJATSCHEV became Chief Engineer. Similarly, DOLENEV and RASSADIN also resigned. Other changes occurred as follows:

Chief of the Drafting and Design Bureau: KAGAN
 Laboratory I: SELIMANOVSKI
 Laboratory III: ARPANOV
 Laboratory IV: LOSHCHILOV
 Laboratory VI: LEBEDEV

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[] GORSCHKOV []
 [] It never was clear [] whether he or JURJATSCHEV had the post of Chief Engineer.

Creation of Institute 11

8. In the summer of 1949 [] intention to turn the Design and Development section of the Frunze Plant into an independent institute. In the fall of 1949, the financial separation was undertaken. Beginning in 1 January 1950, the Institute carried the designation NII 11. In March 1950, GORSCHKOV became the director pro-tempore of the Institute while SKIBARKO became laboratory chief of an entirely separate part of the Institute to which none of us had access. Security measures within the Institute were continually increased in the fall of 1950. All workers were removed from laboratories II and IV if they had less than three years of employment with the organization. []

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Organization of NII 11 in December 1950

9. [redacted] organization chart of NII 11 [redacted] the Institute organization at the end of 1950 [redacted] [see Enclosure (A)]. In addition [redacted] lists of German [see Enclosure (B)], and Soviet [see Enclosure (C)] personnel employed at the Frunze Plant and Institute 11 as well as Germans [see Enclosure (B)] at the Lenin Plant.

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THE LENIN PLANT

10. [redacted] female economist, JUCHTANOVA, who spoke excellent German. [redacted] she was partly responsible for the arrest of [redacted] ZIGANKE.
11. Those [redacted] who were assigned to the Lenin Plant began their work there in April 1947. [redacted] They were distributed among three newly equipped laboratories. In the summer of 1947, Dr. SPLECHTNA [redacted] permitted to visit these laboratories. At that time everything was still under construction. [redacted] only two large furnaces which had been dismantled somewhere in Germany, and were now put into operation for the manufacture of capacitors.

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Capacitor Laboratory

12. Dr. HERRMANN [redacted], Dipl. Ings. WACHENHUSEN, WERNER, and BIERACK worked in this laboratory. All four had formerly worked at Siemens and Halske and went to OSW (now Werk HF) after the war, where Dr. HERRMANN was head of the capacitor department. [redacted] their main task was to manufacture capacitors which would withstand tropical conditions. WERNER, on the other hand, was to manufacture electrolytic capacitors.

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Resistor Laboratory

13. Dr. FALTER who had been chief of the department for resistors at OSW worked in this laboratory. Dr. SCHLOEMILCH was also assigned to this laboratory although he is a detector specialist, a field which was not within the scope of the Lenin Plant. He was transferred in the fall 1947 to Moscow, where he joined Dr. STEINEL's group. Dr. FALTER worked primarily on the high resistance deposited carbon resistors [redacted] When [redacted] required resistors of 100 megohms for [redacted] pulse voltmeter, he was prepared to manufacture these if an official order from the Frunze Plant was presented. [redacted] Dr. FALTER is now at Dralovidwerke, Teltow, East Germany.

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Laboratory for Basic Materials Research

14. Dr. HOLZMUELLER was assigned to this laboratory. [redacted] 50X1-HUM
[redacted] his
job must have been important, because when only one bus was in
operating condition, he was the only one from the Lenin Plant,
who always had to come along. [redacted] 50X1-HUM
[redacted] he still had to com-
plete a project of ferrites. [redacted]
[redacted] Apparently, there was a shortage of chairs
at the Lenin Plant, because [redacted] WACHENHUSEN taking a
chair along Karpovka. 50X1-HUM

CONCLUSION

15. [redacted] 50X1-HUM
[redacted] GORSCHKOV and LEBEDEV were relieved of their respective
posts as Institute Director and Trade-Union Leader at the be-
ginning of 1951. [redacted]
[redacted] the Frunze Plant, [redacted] kept a well equipped
central laboratory for calibration and testing purposes. [redacted]
[redacted] GUSSJEV was the
plant director. [redacted]
[redacted] 50X1-HUM

ENCLOSURE (A): Organization of NII 11
ENCLOSURE (B): List of Germans Employed at Institute 11
ENCLOSURE (C): List of Soviets Employed at Institute 11

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LIST OF GERMANS EMPLOYED AT THE FRUNZE AND LENIN PLANTS

BAIER, Otto, Dr. of Physics

Speciality: Atom physics (not nuclear physics): worked in the chemistry laboratory of the Frunze Plant in Myza, Gorki, USSR, on resistor layer deposits with Dr. BAUER 50X1-HUM

BAUER, Dr. of Physics

50X1-HUM

Speciality: Optics.

In the USSR, he worked in the chemistry laboratory of the Frunze Plant, Myza, Gorki, USSR. His main work was in resistor layer deposits. 50X1-HUM

BAUSEMER, Arnold, Design Engineer

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Speciality: high frequency

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He worked in the drafting and design department (later NII 11), Frunze Plant, Myza, Gorki, USSR. 50X1-HUM

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BRADY, Rudolf (ph), Technician

Speciality: centimeter waves; [redacted]

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He worked on oscillographs and pulse transmitters in laboratories 3 and 4 (later in NII 11) at the Frunze Plant, Myza, Gorki, USSR. [redacted]

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BOEHM, Hans, Design Engineer

Speciality: electrical equipment [redacted]

He worked in the drafting and design department. Frunze Plant (later NII 11), Myza, Gorki, USSR. [redacted]

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BIERSACK, Otto, Engineer

Speciality: capacitors; [redacted]

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He worked in the capacitor laboratory of the Lenin Plant, Myza, Gorki, USSR. [redacted]

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FALTER, Dr. of Engineering

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Speciality: resistors; [redacted]

Worked in the resistors laboratory in the Lenin Plant, Myza, Gorki, USSR. [redacted]

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FEGERT, Heinrich, Dipl. Engineer

Speciality: receiving equipment; [redacted]

Worked in Laboratory 2, Frunze Plant, (later in NII 11) Myza, Gorki, USSR. His main work was on receivers. [redacted]

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FLOER, Bruno, Dipl. Engineer

Speciality: radar; [redacted]

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Frunze Plant (and in NII 11) Myza, Gorki, USSR. He worked on test transmitters and pulse generators in laboratories 1 and 6 [redacted]

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Speciality: antennas; [redacted]

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[redacted] In the USSR, he worked at the
Frunze Plant in Laboratories 1 and 6. Also later in NII 11 (after
1949) in Myza, Gorki, USSR. He worked on field strength testers.

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HERRMANN, Werner /REG-175/, Dr.

Speciality: capacitor development [redacted]

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[redacted] In the USSR, he
worked at the Lenin Plant, Capacitor Section, Myza, Gorki, USSR.

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HERZOG, Mechanical Engineer

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Speciality: high frequency [redacted]

[redacted] He worked in the manufacturing section
of the Frunze Plant, and concerned himself primarily with improving
production ~~production methods~~, material quality, etc.

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HOLZMUELLER, Werner, Professor Doctor of Physics

Speciality: physics [redacted]

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[redacted] He worked on ferrites in
the Lenin Plant, Myza, Gorki, USSR. After 1 January 1951 and until
May 1952 he worked in the radio receiver factory somewhere near
Myza in the Voroshilov Rayon. [redacted]

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JUERT, Design Engineer

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Speciality: decimeter wave techniques [redacted]

[redacted] He worked in the
drafting and design department, Frunze Plant, (later NII 11), Myza,
Gorki, USSR. [redacted]

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KRUEGER, Anton, Design Engineer

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He worked on decimeter wave techniques in the drafting and design
department, Frunze Plant, (later NII 11), Gorki, USSR. [redacted]

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MARKS, Engineer

Speciality: high frequency

He worked on field strength testers (Feldstaerke geraete) and associated equipment in Laboratories 1 and 6 in the Frunze Plant (NII 11 after 1949) at Myza, Gorki, USSR.

OERTEL, Kurt, Engineer

Speciality: high frequency techniques

He worked on field strength testers (Feldstaerke geraete) and associated equipment in Laboratories 1 and 6 in the Frunze Plant (NII 11 after 1949), Myza, Gorki, USSR.

OERTEL, Wilhelm, Design Engineer

Speciality: electrical design

In the USSR at the Frunze Plant he acted as the chief of the design group, working in the large drafting and design room.

PREISLER, Engineer

Speciality: radio navigation

He worked for ten days in December of 1946 at the Frunze Plant, Myza, Gorki, USSR, and then was sent to Moscow. In Moscow he worked with two other men: SCHUETTLOEFFEL and REHBOCK.

REIDT, Design Engineer

Speciality: statics

He worked in the drafting and design department, Frunze Plant, (later NII 11), Myza, Gorki, USSR.

RIEDEL, Willi, Engineer

Speciality: technical co-ordinator

In the USSR he worked in Laboratory 2 of the Frunze Plant ((later in NII 11) in Myza, Gorki, USSR. He served more or less as a co-ordinator between the fabricating section of the plant and the laboratory.

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ROEDE, Wolfgang, Dr. of Physics

Speciality: decimeter transmitters

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He worked on
an airborne pulse transmitter in Laboratory 2, Frunze Plant (later
NII 11) in Myza, Gorki, USSR.

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SCHLOEMLICH, Dr. of Engineering

Speciality: detectors

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In the USSR he worked with FALTER on
resistors at the Lenin Plant, Myza, Gorki, USSR. until the end of
1947 when he was sent to Fryazino

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SPLECHTNA, WalterDr. Philosophy

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Speciality: spark gap keying apparatus

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In the USSR he worked in Laboratory 3 and later 4 of the Frunze Plant (later NII 11) Myza, Gorki, USSR. His main work was on spark gap keying apparatus.

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STERNAGEL, Design Engineer

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He worked in the drafting and design department, Frunze Plant, (later NII 11), Myza, Gorki, USSR.

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TAEGER, Karl, Engineer

Speciality: centimeter wave technique

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In the USSR he worked in Laboratory 2 (later in NII 11) Frunze Plant, Myza, Gorki, USSR. He built receivers, worked on impulse technique problems and was a general trouble shooter in the laboratory.

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VOLCMAR, Guenter, Dipl. Engineer

Speciality: development of practical theory and principles in electronics.

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In the USSR he worked with Dr. ROHDE in Laboratory 2 on an airborne pulse transmitter (for airport surveillance) determining electronic principles for the instruments used. This work was done in the Frunze Plant (NII 11) Myza, Gorki, USSR.

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Speciality: capacitors; [redacted]

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He worked in the capacitor
laboratory of the Lenin Plant, Myza, Gorki, USSR. [redacted]

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WEITZENMILLER /REG-1717, Franz Georg, Dr. of Philosophy

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Speciality: electronics, television, oscillography [redacted]

In the USSR
he worked in Laboratory 3, 4 of the Frunze Plant, Myza, Gorki, USSR. His
main work was on oscillographs and vacuum tube voltmeters. [redacted]

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WERNER, Paul, Engineer

Speciality: electrolytic capacitors [redacted]

He worked in the capacitor
laboratory of the Lenin Plant, Myza, Gorki, USSR. [redacted]

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ZIGANKE, Ernst, Dipl. Engineer

Speciality: airborne radar at Telefunken, Berlin [redacted]

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In the
USSR he worked in the Frunze Plant (NII 11) Myza, Gorki, USSR. worked on
test transmitter and pulse generator. First worked in Laboratory 1,
later in Laboratory 6, and still later Laboratory 4, NII 11. This was
all in the same building. [redacted]

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LIST OF SOVIETS EMPLOYED AT INSTITUTE 11

BARABANOV, Translator

Since 1949 he has been a translator-interpreter in the Frunze Plant and NII 11.

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BEREZIN, Translator

Speciality: he translated foreign language periodicals into Russian at the Scientific library of the Frunze Plant.

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CHERNOV, Translator

Speciality: he was a translator-interpreter in the Frunze Plant until the autumn of 1947.

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GENERALOV, Kommandant

He went to Leningrad in the spring of 1950.

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GORSHKOV, Director

Speciality: high frequency; NII 11, Gorki, USSR.

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GUSYEV, Director

Director of the Frunze Plant after 1949.

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LOSHCHILOV, Engineer

Speciality: electro-technician. He was Chief of Laboratory 4 in NII 11 at Gorki [redacted]

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[redacted] He became Chief of Laboratory 4 in January 1948 [redacted]

KURYACHEV, Engineer

Speciality: electro-technician. Until the end of 1947 he was Chief of Laboratory 3-Measuring Instruments and Development. After 1948 he was Chief Engineer of the Development Section of the Frunze Plant. [redacted]

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KOSULINA, Engineer

Speciality: high frequency technician. Until 1948 he worked in Laboratory 2 (radar). Later he was a co-worker with BEERSTEIN, who carried on parallel development at the university. [redacted]

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KRUTIKOV, Engineer

Speciality: high frequency technician. He was employed in Laboratory 2 (radar) of NII 11, and was POKROVSKY's deputy. [redacted]

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LEBEDEV, Engineer

Speciality: high frequency technician. He was Chief of Laboratory 6 for Measurement Receivers. [redacted]

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MALYSHEV, commercial director

NII 11, Gorki

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MAYOROVA, Tamara Mikhaïlovna, translator-interpreter

Speciality: language teacher.

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MAZUNOV, Mikhail Iwanowich, carpenter

escort in bus rides to and from the plant.

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METLIN, Engineer

Speciality: electro-technician. Until the end of 1947 he was chief of a section of Laboratory 3 under KURYACHEV.

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PETROV, Mikhail Nikolayevich

Director of German residences. Party organizer in NII 11, Gorki.

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POKROVSKIY, Engineer

Speciality: high frequency; Chief of Laboratory 2;

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SKIBARKO, engineer-in-chief

Speciality: high frequency technique, professor at Gorki University.
He was manager of a secret laboratory in NII 11.

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ZELESNOY, Ing.

Speciality: high frequency technique. Liaison man between PORKROWSKIY
and the German co-workers in this lab.

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ZELIMANOVSKIY, Ing.

Speciality: high frequency. Chief of Laboratory I for Measuring
Transmitter and High Frequency Measuring Instruments.

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ZUYEV, Director

He was employed in the personnel section of NII 11 and the Frunze Plant.

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